



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Carl T. Nelson
 Application No.: 08/794,374 Confirmation No.: 6586
 Filed : December 10, 1996
 For : SWITCHING VOLTAGE REGULATOR CIRCUIT
 Group Art Unit : 2838
 Examiner : Shawn Riley

EXPRESS MAIL CERTIFICATION

"Express Mail" Number EV621257533US
 Date of Deposit May 13, 2005

I hereby certify that this paper/fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Honorable Commissioner for Patents, P. O. Box 1450, ATTN: Mail Stop Issue Fee, Alexandria, VA 22313-1450.


 Lily Jiang

Enclosures: Transmittal Letter in Duplicate;
 Issue Fee Transmittal Form in Duplicate
 Submission of Replacement Drawing Sheets (8 Sheets)
 Interview Summary
 Supplemental IDS
 Form PTO/SB/08
 Three (3) References
 Check for \$1400.00 (issue fee)
 Check for \$15.00 (patent advance copy fee)
 Return Postcard

Modified PTO 1083
 For Other Than A Small Entity

Attorney Docket No. LT-5 RE

Applicant : Carl T. Nelson

Application No.: 08/794,374

Confirmation No.: 6586

Filed : December 10, 1996

For : SWITCHING VOLTAGE REGULATOR CIRCUIT

Group Art Unit : 2838

Examiner : Shawn Riley

Mail Stop Issue Fee
 Hon. Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith: ☐ a Preliminary Amendment;
☒ Issue Fee Transmittal; ☒ Replacement Drawings (8 sheets);
☒ Supplemental Information Disclosure; ☒ Interview Summary; ☐ a Supplemental
 Declaration; ☐ a Power of Attorney; ☐ an Associate Power of Attorney; ☐ formal
 drawings; to be filed in the above-identified patent application.

FEE FOR ADDITIONAL CLAIMS AND/OR PAGES☒ A fee for additional claims or pages is not required.☐ A fee for additional claims is required.

The additional fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL
TOTAL CLAIMS	-	*	= 0	x \$50	= \$.00
INDEPENDENT CLAIMS	-	**	= 0	x \$200	= \$.00
FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM				+ \$360	= \$.00
					TOTAL \$.00

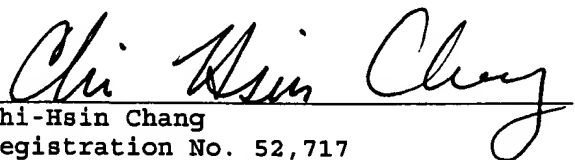
* If less than 20, insert 20.

** If less than 3, insert 3.

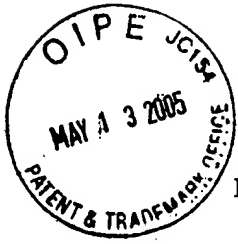
- ☐ As a result of the amendment submitted herewith, this application now includes excess pages beyond those previously paid for. The number of additional groups of 50 excess pages resulting from this amendment is _____ x \$250 = \$ _____.
- ☐ A check in the amount of \$ _____ in payment of the fee for additional claims and/or pages is transmitted herewith.
- ☒ The Director is hereby authorized to charge payment of any additional fees required under 37 C.F.R. § 1.16 in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to Deposit Account No. 06-1075. A duplicate copy of this transmittal letter is transmitted herewith.
- ☐ Please charge \$ _____ to Deposit Account No. 06-1075 in payment of the fee for additional claims. A duplicate copy of this transmittal letter is transmitted herewith.

EXTENSION FEE

- ☐ The following extension fee is applicable to the Response filed herewith:
☐ \$120.00 extension fee for response within first month pursuant to 37 C.F.R. § 1.136(a); ☐ \$450.00 extension fee for response within second month pursuant to 37 C.F.R. § 1.136(a); ☐ \$1,020.00 extension fee for response within third month pursuant to 37 C.F.R. § 1.136(a); ☐ \$1,590.00 extension fee for response within fourth month pursuant to 37 C.F.R. § 1.136(a); ☐ \$2,160.00 extension fee for response within fifth month pursuant to 37 C.F.R. § 1.136(a).
- ☐ A check in the amount of ☐ \$120.00 ☐ \$450.00 ☐ \$1,020.00 ☐ \$1,590.00 ☐ \$2,160.00 in payment of the extension fee is transmitted herewith.
- ☒ The Director is hereby authorized to charge payment of any additional extension fees required under 37 C.F.R. § 1.17 in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to Deposit Account No. 06-1075. A duplicate copy of this transmittal letter is transmitted herewith.
- ☐ Please charge the ☐ \$120.00 ☐ \$450.00 ☐ \$1,020.00 ☐ \$1,590.00 ☐ \$2,160.00 extension fee to Deposit Account No. 06-1075. A duplicate copy of this transmittal letter is transmitted herewith.


Chi-Hsin Chang
Registration No. 52,717
Agent for Applicants

FISH & NEAVE IP GROUP
ROPES & GRAY LLP
Customer No. 1473
1251 Avenue of the Americas
New York, New York 10020-1105
Tel.: (650) 494-4000 (CA)
Fax: (212) 596-9090 (NY)



Attorney Docket No. LT-5 RE RCE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant : Carl T. Nelson
Application No. : 08/794,374 Confirmation No. : 6586
Filed : December 10, 1996
For : SWITCHING VOLTAGE REGULATOR CIRCUIT
Group Art Unit : 2838
Examiner : Shawn Riley

Palo Alto, California 94301
May 13, 2005

Mail Stop: Issue Fee

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INTERVIEW SUMMARY

Sir:

Applicant thanks Examiner Riley for conducting a telephonic interview with applicant's representatives, Mark D. Rowland (Reg. No. 32,077) and Chi-Hsin Chang (Reg. No. 52,717), on October 11, 2004. The following is a summary of the interview.

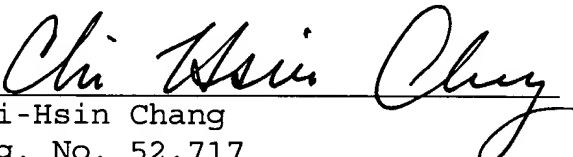
In the interview, applicant's representatives notified the Examiner that applicant planned on filing a Request for Continued Examination (RCE) of the reissue application pursuant to 37 C.F.R. § 1.114 before October 16, 2004. With the RCE, applicant planned on submitting a copy of applicant's "REPLY UNDER 37 C.F.R. § 1.116"

(hereinafter "applicant's Reply"), which was filed on September 16, 2004.

Applicant's representatives also briefly discussed certain remarks in applicant's Reply with respect to claims 82 and 89. In particular, applicant's representatives discussed that current-mode voltage regulators, such as that described in the UC3842 reference, control a switching pulse in a different way than voltage-mode regulators, such as those described in some of the secondary references cited in the Office action dated May 16, 2004.

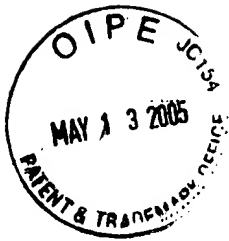
During the interview, applicant's representatives did not show any exhibits, conduct any demonstrations, nor propose amendments to the application.

Respectfully submitted,


Chi-Hsin Chang
Reg. No. 52,717
Agent for Applicant

Mark D. Rowland
Reg. No. 32,077
Attorney for Applicant

Fish & Neave IP GROUP
Ropes & Gray LLP
Customer No. 1473
1251 Avenue of the Americas
New York, New York 10020-1105
Tel.: (650) 617-4000
Fax: (212) 596-9090



Attorney Docket No. LT-5 RE RCE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant : Carl T. Nelson
Application No. : 08/794,374 Confirmation No. : 6586
Filed : December 10, 1996
For : SWITCHING VOLTAGE REGULATOR CIRCUIT
Group Art Unit : 2838
Examiner : Shawn Riley

Palo Alto, California 94301
May 13, 2005

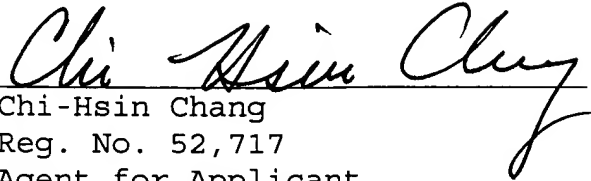
Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
ATTN: Mail Stop Issue Fee

SUBMISSION OF REPLACEMENT SHEETS FOR THE DRAWINGS

Sir:

Transmitted herewith are eight (8) sheets of formal drawings to replace the originally filed drawings in the above-identified patent application. As requested in the Notice of Allowability mailed on March 21, 2005, applicant added identifying indicia to the front of each sheet of drawings pursuant to 37 CFR 1.84(c).

Respectfully submitted,


Chi-Hsin Chang

Reg. No. 52,717

Agent for Applicant

Mark D. Rowland

Reg. No. 32,077

Attorney for Applicant

FISH & NEAVE IP Group

ROPES & GRAY LLP

Customer No. 1473

1251 Avenue of the Americas

New York, New York 10020-1105

Tel.: (650) 617-4000

Fax: (212) 596-9090